Workshop on
Biometrics and E – Authentication Over Open Networks

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Topic: Biometrics and Security: BioSec project overview

Abstract:

Biometrics and security plays together an interesting role in a society that it is increasingly becoming more digital. Recent investigations carried out in Europe and the USA identified the main deficiencies that yielded to a certain underdevelopment of biometrics with respect to its potentialities and to ten-years-ago goals.

BioSec (biometrics and security) will focus on these issues: scientific and technological (such as 3D biometrics, aliveness detection and performance evaluation); user-centred (acceptance, usability and legal framework); and application-related (such as secure interoperable biometric tokens and remote authentication). The project will provide the basis for improving and developing new sensors, algorithms, procedures and applications, towards a society that it is increasingly becoming more and more digital.

In BioSec, biometrics and security play together to leverage trust and confidence in everyday applications. Trust requires enhancing not only robustness, but also user feeling about the technology.

Biography:
Mr. Orestes Sanchez-Benavente is Project Manager in the "Network and Services Security" department at Telefónica I+D. His research interests include biometrics and authentication in network services. Nowadays he is co-ordinator of BioSec Integrated Project (IST-2002-1766), a research initiative of the 6th Framework Programme of the European Union dealing with biometrics and security.